

Applicant : Aaron L. Mills et al.
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AI
a female receptacle provided on the other of the steering input shaft and the support member for receiving the male member, wherein the female receptacle comprises at least one stop position for limiting rotational travel of the steering input shaft; and

an actuator for rotating one or more wheels in the vehicle in response to rotation of the steering input device.

9. (amended) AB A steer-by-wire steering system for steering one or more steerable members on a steered vehicle, said steering system comprising:

a steering input device rotatable by an operator to command steering of the one or more steerable members;

AB a steering input shaft mechanically connected to the steering input device and rotatable in response to rotation of the steering input device, wherein the steering input shaft is not mechanically linked to the steered one or more steerable members;

a support member disposed proximate the steering input shaft;

a male member provided on one of the steering input shaft and the support member;

a female receptacle provided on the other of the steering input shaft and the support member for receiving the male member, wherein the female receptacle comprises at least one stop position for limiting rotational travel of the steering input shaft; and

an actuator for actuating one or more steerable members in the vehicle in response to rotation of the steering input device.

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16. (amended) A steering assembly for a steer-by-wire steering system for steering one or more road wheels of a vehicle, said steering assembly comprising:

a steering input device rotatable by an operator to command steering of one or more road wheels of the vehicle;

a steering input shaft mechanically connected to the steering input device and rotatable in response to rotation of the steering input device, wherein the steering input shaft is not mechanically linked to the steered one or more road wheels;

a support member disposed proximate the steering input shaft;

a male member provided on one of the steering input shaft and the support member; and

a female receptacle provided on the other of the steering input shaft and the support member for receiving the male member, wherein the female receptacle comprises at least one stop position for limiting rotational travel of the steering input shaft.